## WHAT IS CLAIMED IS:

A liquid crystal display module comprising: a liquid crystal display panel which comprises a pair of substrates facing each other, columnar spacers formed on at least one of the substrates and configured to provide a clearance between the substrates, and a liquid crystal material filling the clearance between the substrates; and

a support member supporting the panel and configured to make the panel stand during use of the module, wherein, where temperature of the panel rises from  $25^{\circ}$  to  $50^{\circ}$ , the spacers keep elastically deformed by pressure applied from the substrates.

- A liquid drystal display module according to claim 1, further comprising a light source configured to irradiate the panel with light, wherein a highest temperature reached by the panel by continuously lighting the light source is equal to or lower than 50℃.
- # liquid crystal display module according to claim 2,/wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches.
  - A liquid crystal display module according to cla m 1, wherein, where the temperature of the panel ri $\neq$ es from 25°C to 70°C, the spacers keep elastically deformed by the pressure applied from the substrates.

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- 5. A liquid crystal display module according to claim 4, further comprising a light source configured to irradiate the panel with light, wherein a highest temperature reached by the panel by continuously lighting the light source is equal to or lower than 70%.
- 6. A liquid crystal display module according to claim 5, wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches.
- 7. A liquid crystal display module according to claim 1, further comprising a light source configured to irradiate the panel with light.
- 8. A liquid crystal display module according to claim 7, wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches.
  - 9. A/liquid crystal display module, comprising:
- a liquid crystal display panel which comprises a pair of substrates facing each other, columnar spacers formed on at least one of the substrates and configured to provide a clearance between the substrates, and a liquid crystal material filling the clearance between the substrates; and
- a support member supporting the panel and configured to make the panel stand during use of the module, wherein the spacers are elastically deformed at

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25°C by pressure applied from the substrates, and  $H_0$ ,  $H_1$ ,  $\beta$  and  $\Delta D_1$  satisfy a relationship represented by an inequality:

$$H_0 - H_1 + 25 \times \beta \times H_0 > \Delta D_1,$$

- where  $H_0$  represents a height of the spacers at 25°C under a state that the pressure is removed,  $H_1$  represents a height of the spacers at 25°C under a state that the pressure is applied,  $\beta$  represents a linear expansion coefficient of the spacers, and  $\Delta D_1$  represents an increase in distance between the substrates which is calculated from an increase in volume of the liquid crystal material caused by a temperature elevation from 25°C to 50°C.
  - 10. A liquid crystal display module according to claim 9, further comprising a light source configured to irradiate the panel with light, wherein a highest temperature reached by the panel by continuously lighting the light source is equal to or lower than 50%.
- 20 11. A liquid crystal display module according to claim 10, wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches.
- 12. A liquid crystal display module according to claim 9, wherein  $H_0$ ,  $H_1$ ,  $\beta$  and  $\Delta D_2$  satisfy a relationship represented by an inequality:

$$H_0 - H_1 + 45 \times \beta \times H_0 > \Delta D_2,$$

where  $\Delta D_2$  represents an increase in distance between the substrates which is calculated from an increase in volume of the liquid crystal material caused by a temperature elevation from 25°C to 70°C.

13. A liquid crystal display module according to claim 12, further comprising a light source configured to irradiate the panel with light, wherein a highest temperature reached by the panel by continuously lighting the light source is equal to or lower than 70%.

- 14. A liquid crystal display module according to claim 13, wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches.
- a liquid crystal display panel which comprises a pair of substrates facing each other, columnar spacers formed on at least one of the substrates and configured to provide a clearance between the substrates, and a liquid crystal material filling the clearance between the substrates; and

A liquid crystal display module, comprising:

a support member supporting the panel and configured to make the panel stand during use of the module, wherein the spacers are elastically deformed at 25°C by pressure applied from the substrates, and  $H_0$ ,  $H_1$  and  $\Delta D_1$  satisfy a relationship represented by an inequality:

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 $H_0 - H_1 > \Delta D_1,$ 

where  $H_0$  represents a height of the spacers at 25% under a state that the pressure is removed,  $H_1$  represents a height of the spacers at 25% under a state that the pressure is applied, and  $\Delta D_1$  represents an increase in distance between the substrates which is calculated from an increase in volume of the liquid crystal material caused by a temperature elevation from 25% to 50%.

16. A liquid crystal display module according to claim 15, further comprising a light source configured to irradiate the panel with light, wherein a highest temperature reached by the panel by continuously lighting the light source is equal to or lower than 50%.

- 17. A liquid crystal display module according to claim 16, wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches
- 18. A liquid crystal display module according to claim 15, wherein  $H_0$ ,  $H_1$  and  $\Delta D_2$  satisfy a relationship represented by an inequality:

$$H_0 - H_1 > \Delta D_2,$$

where  $\Delta D_2$  represents an increase in distance between the substrates which is calculated from an increase in volume of the liquid crystal material caused by a temperature elevation from 25°C to 70°C.

- 19. A liquid crystal display module according to claim 18, further comprising a light source configured to irradiate the panel with light, wherein a highest temperature reached by the panel by continuously lighting the light source is equal to or lower than 70%.
- 20. A liquid crystal display module according to claim 19, wherein the panel includes an effective display region with a diagonal dimension equal to or longer than 12 inches.